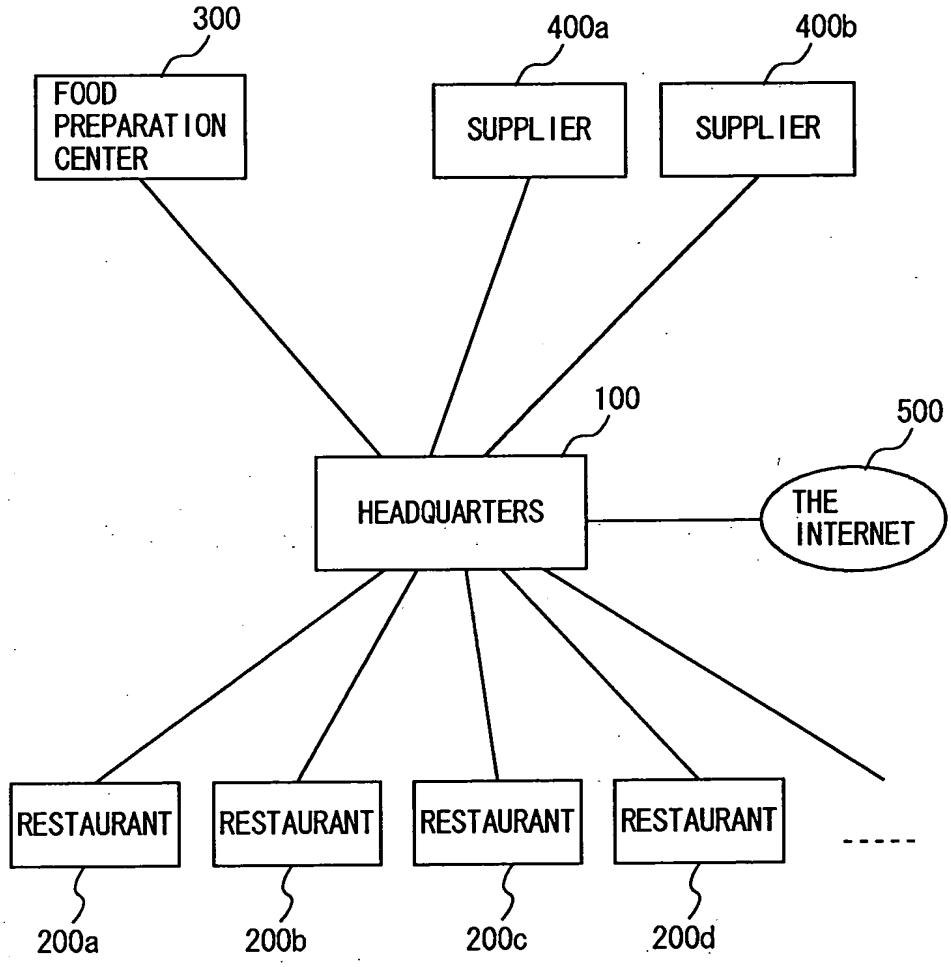
10/002123

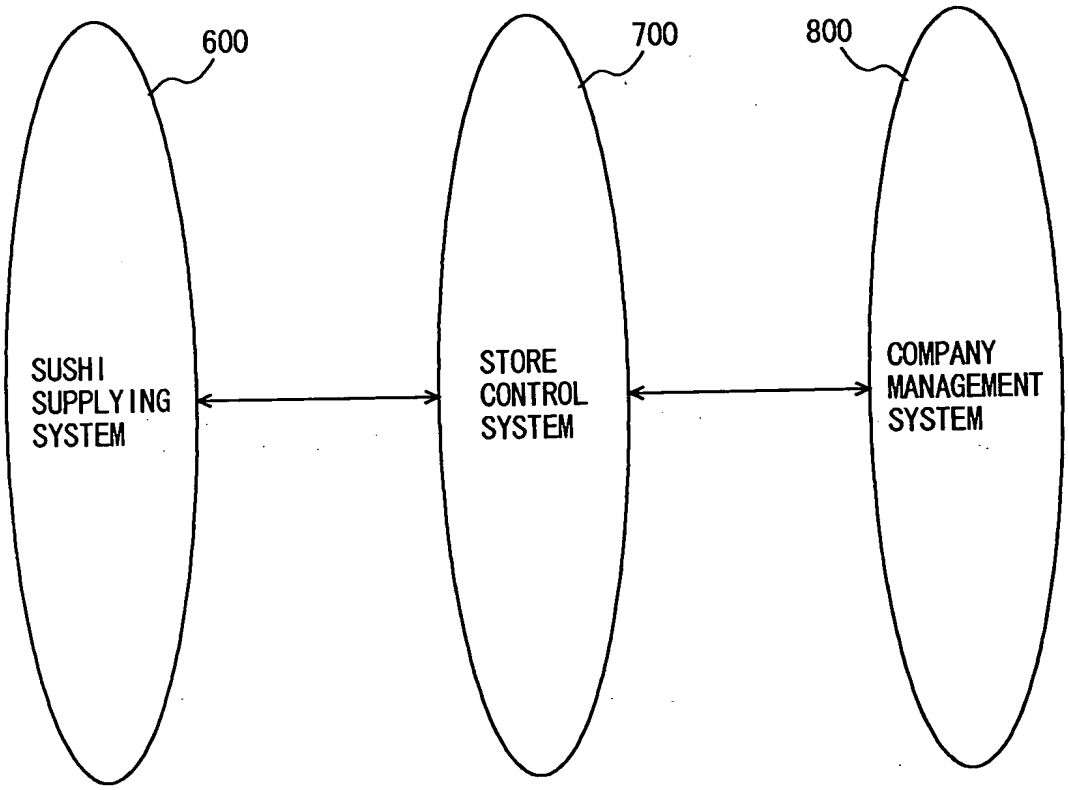
22405

FIG. 1



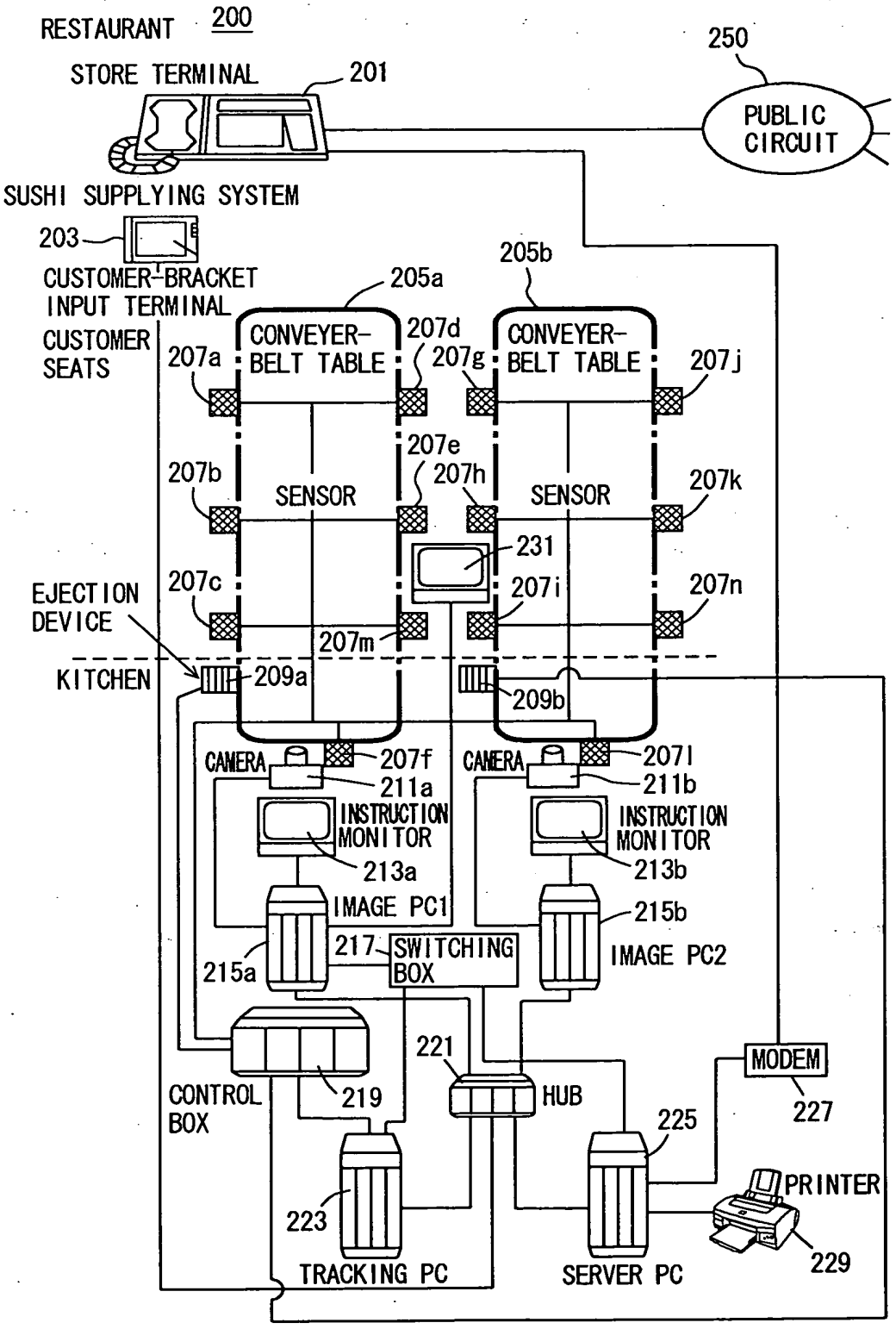
10002123.120501

FIG. 2



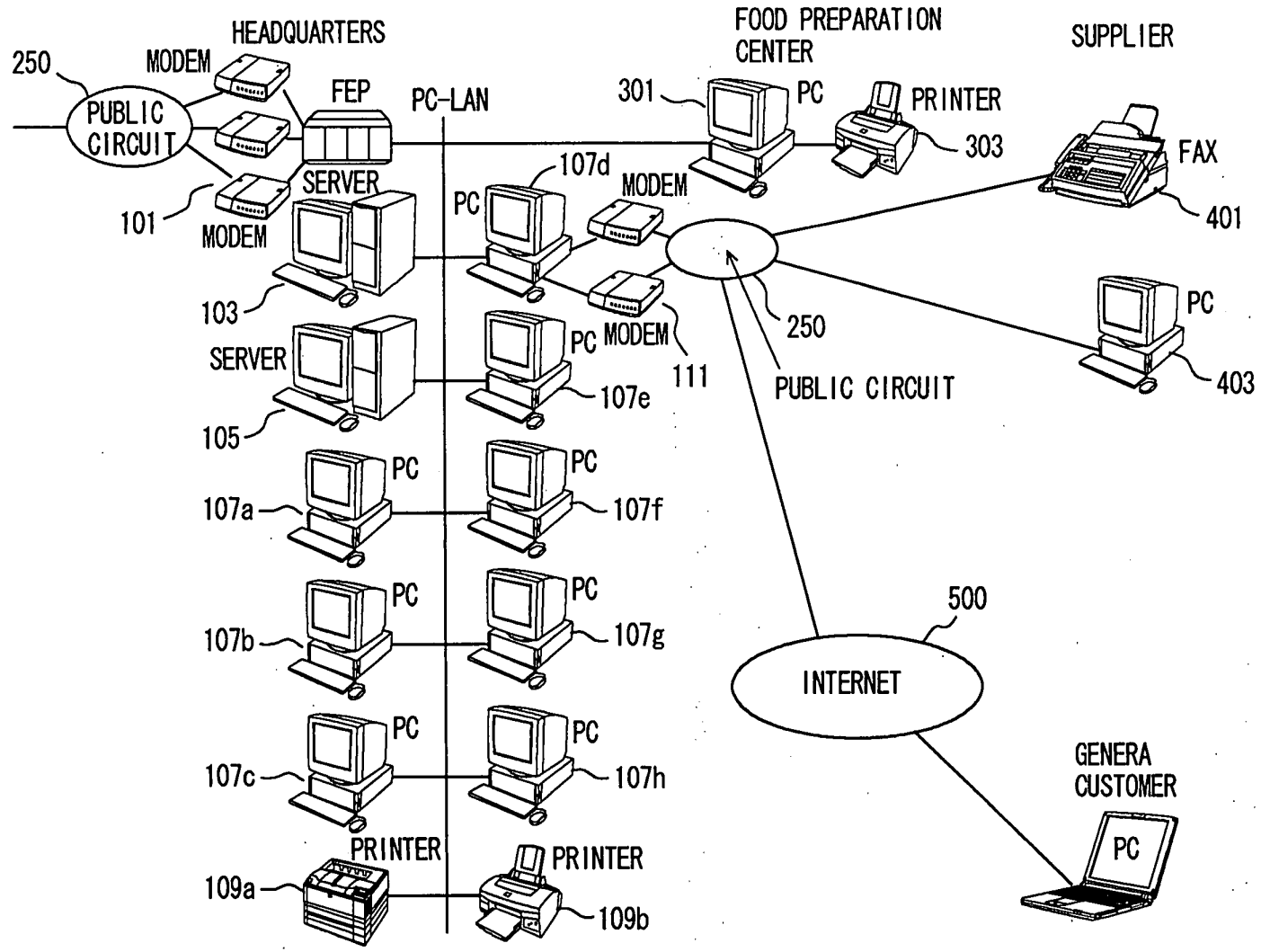
JP2004-234504

FIG. 3

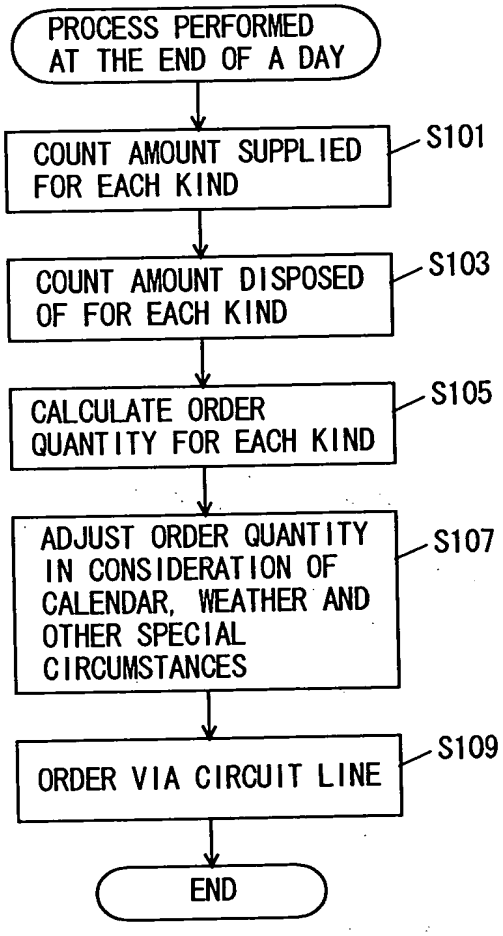


10024230-120501

FIG. 4

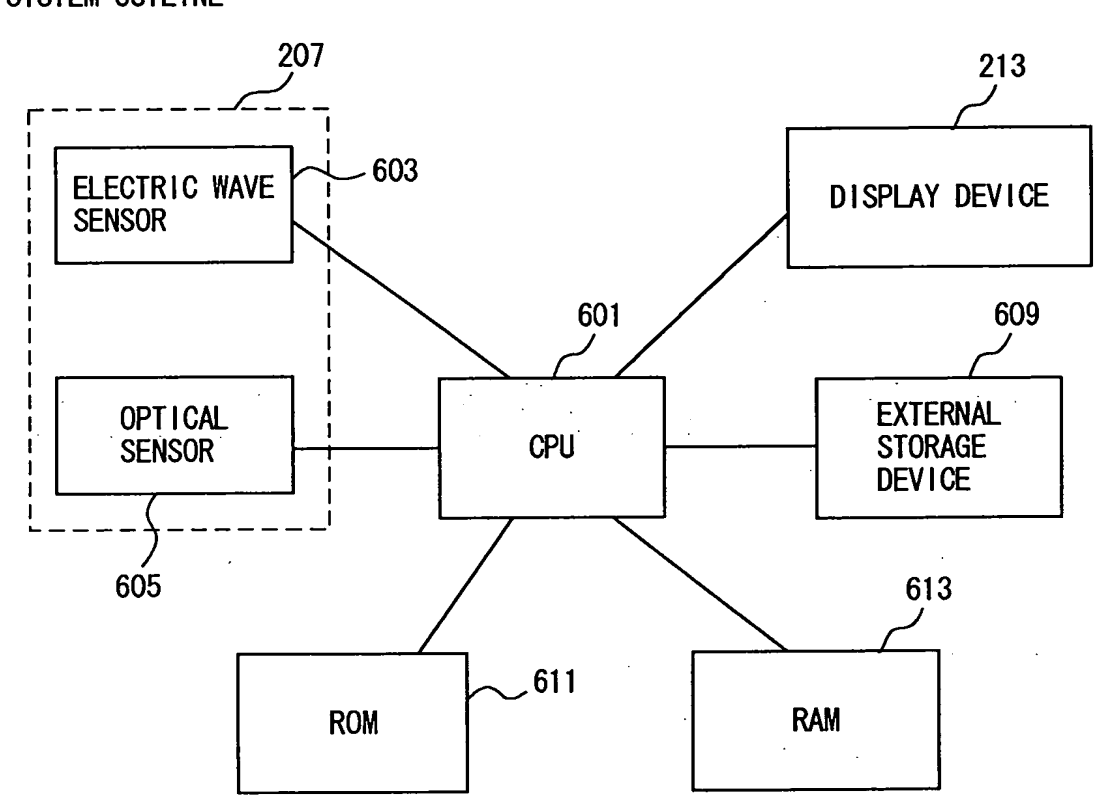

HEADQUARTERS
250
MODEM
PUBLIC CIRCUIT
FEP
PC-LAN
101
MODEM
SERVER
103
SERVER
105
PC
107a
PC
107b
PC
107c
PRINTER
109a
107d
PC
MODEM
MODEM
111
PC
107e
PC
107f
PC
107g
PC
107h
PRINTER
109b
FOOD PREPARATION CENTER
301
PC
PRINTER
303
250
PUBLIC CIRCUIT
SUPPLIER
FAX
401
PC
403
500
INTERNET
GENERA CUSTOMER
PC

F I G. 5



10002363-120504

F I G. 6



1002123.120504

JP2004-234504

FIG. 7

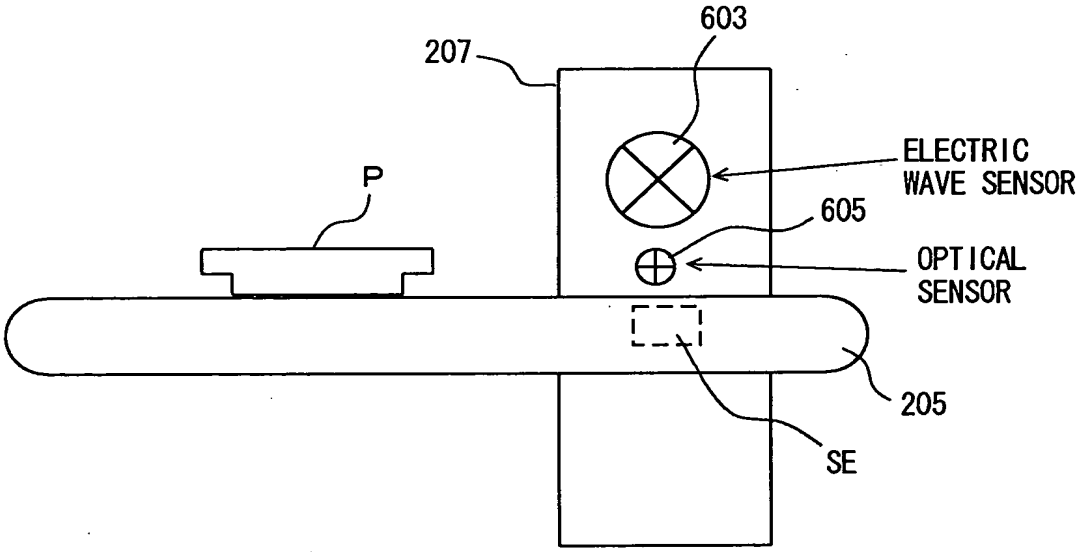


FIG. 8

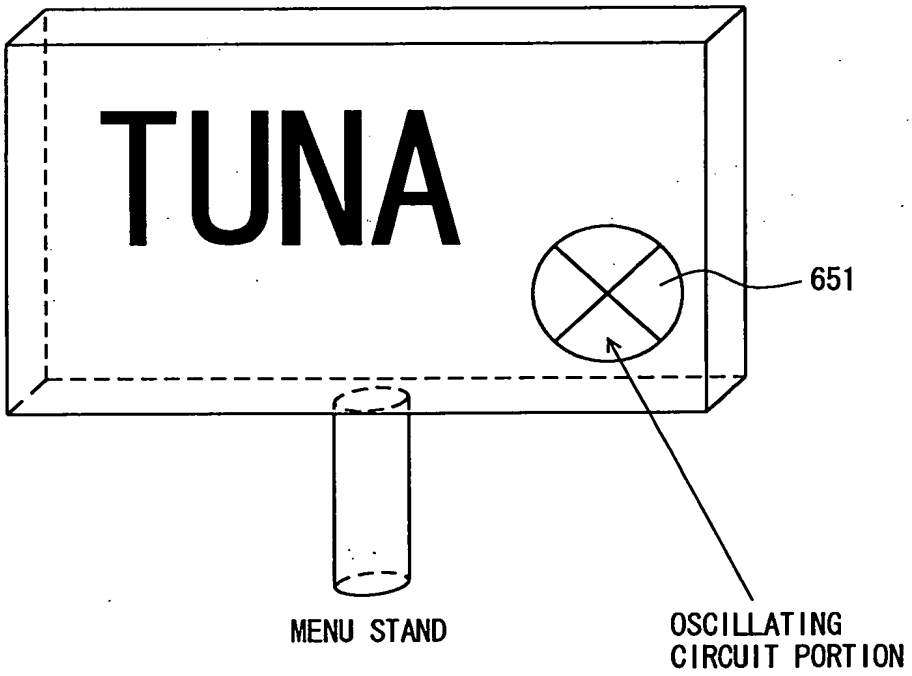


FIG. 9

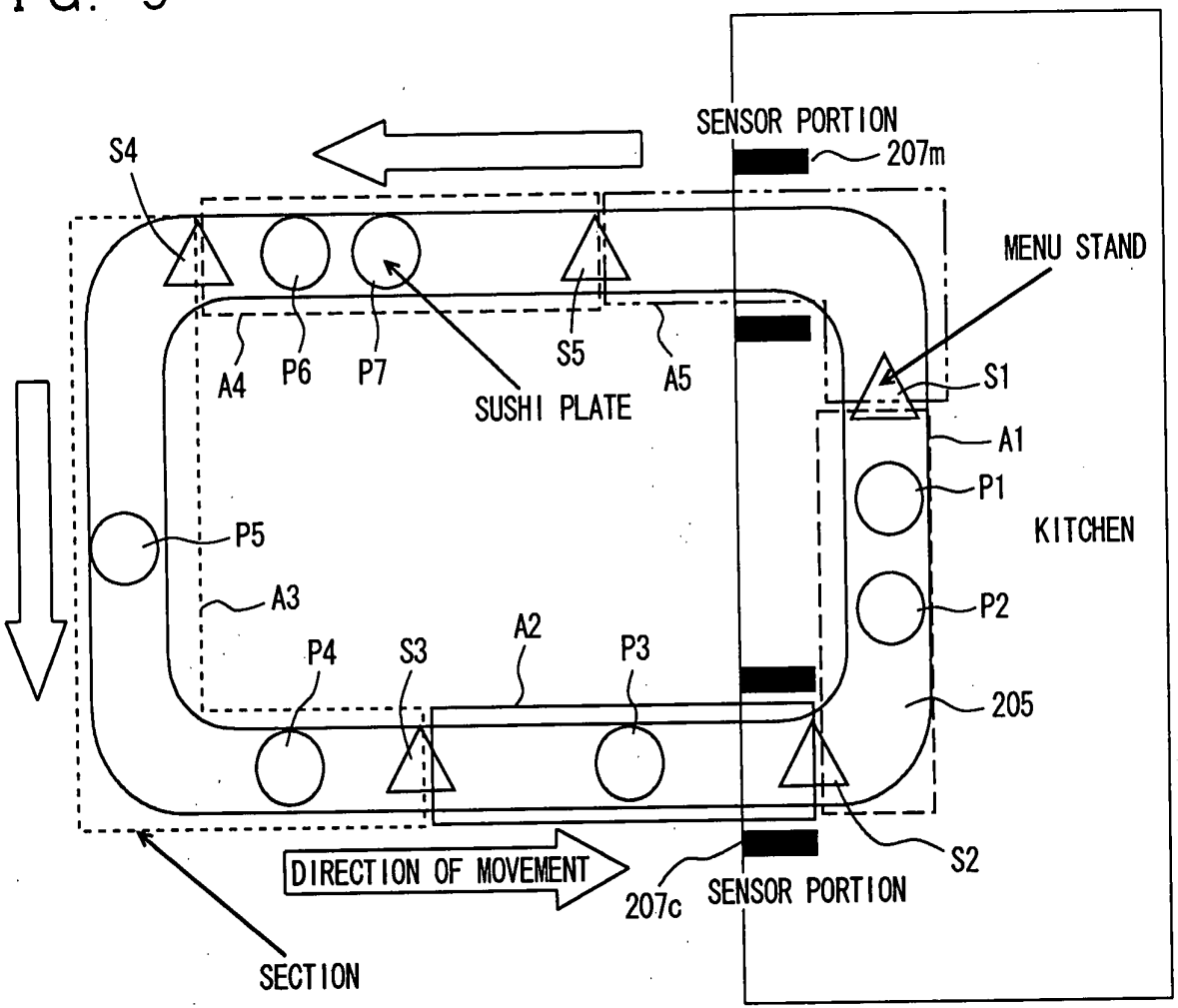
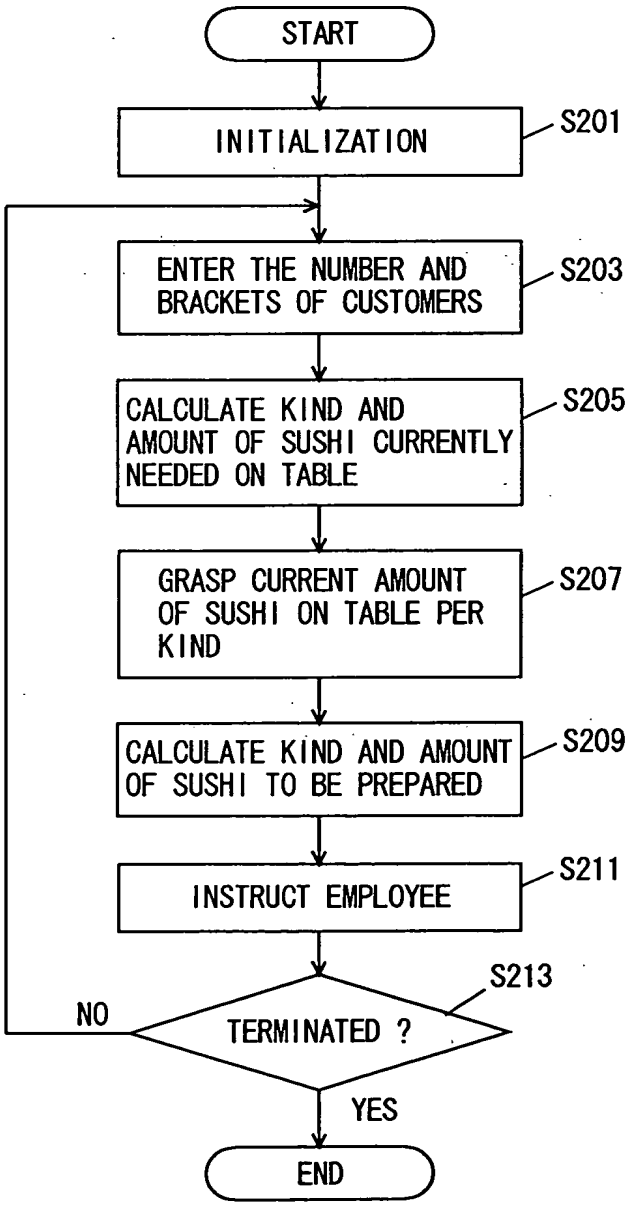

SENSOR PORTION
207m
S4
MENU STAND
A4
P6
P7
S5
A5
SUSHI PLATE
S1
A1
P1
KITCHEN
P5
A3
P2
P4
S3
A2
P3
205
DIRECTION OF MOVEMENT
207c
SENSOR PORTION
S2
SECTION

FIG. 10

FIELD

SENSOR NUMBER	PRODUCT NAME	COUNTER
0001	TUNA	5
0002	SQUID	3
0004	SALMON	2

FIG. 11



JP2004-254501

FIG. 12

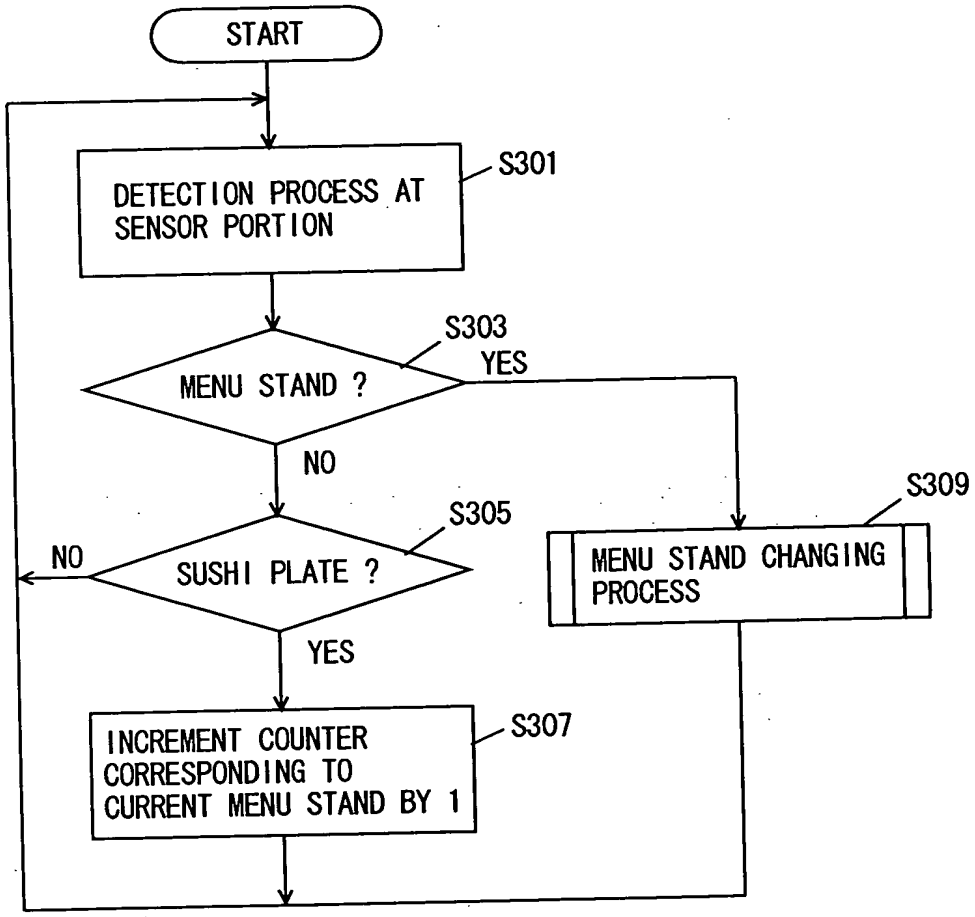

START
DETECTION PROCESS AT SENSOR PORTION
S301
MENU STAND ?
S303
YES
NO
SUSHI PLATE ?
S305
NO
YES
MENU STAND CHANGING PROCESS
S309
INCREMENT COUNTER CORRESPONDING TO CURRENT MENU STAND BY 1
S307

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FIG. 13

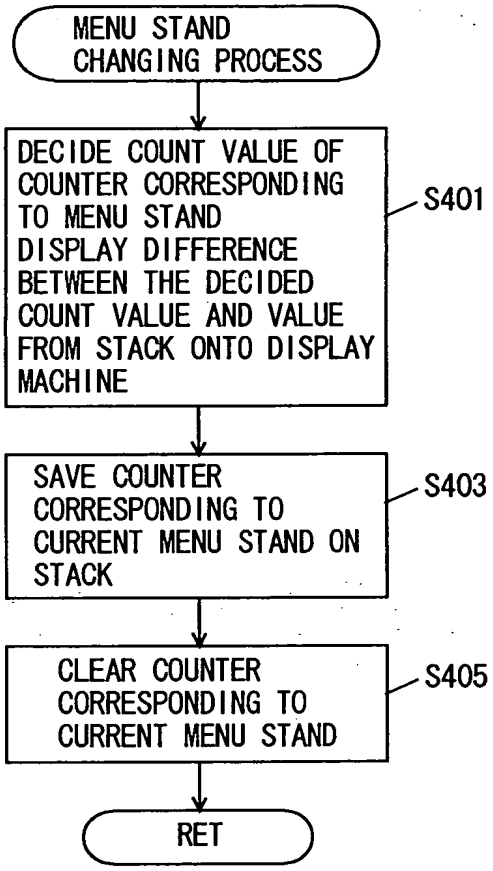

FIG. 14

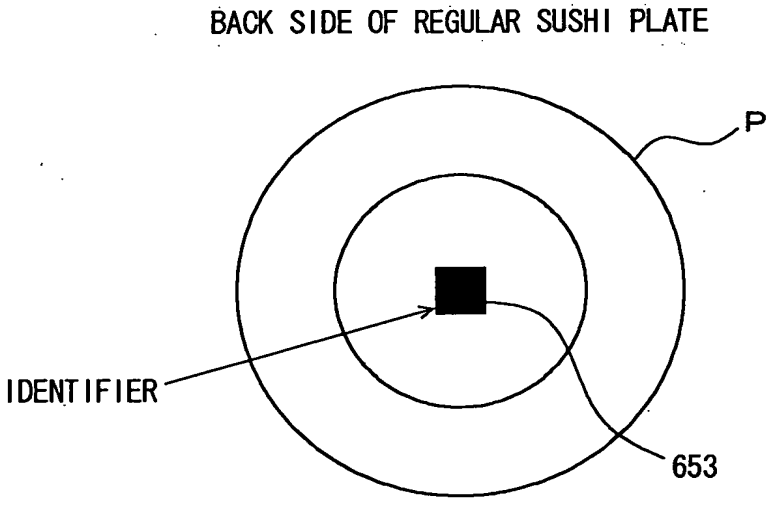

FIG. 15

SUSHI PLATE ID	KIND	TIME ELAPSED AFTER FIRST IDENTIFICATION
0001	TUNA	1 MINUTE AND 30 SECONDS
0002	(UNDETECTED)	———
0003	TUNA	2 MINUTES AND 12 SECONDS
0004	SALMON	32 SECONDS
0005	SHRIMP	2 MINUTES AND 48 SECONDS
⋮	⋮	⋮
0507	UNDETECTED FOR A LONG TIME (LOST ?)	———

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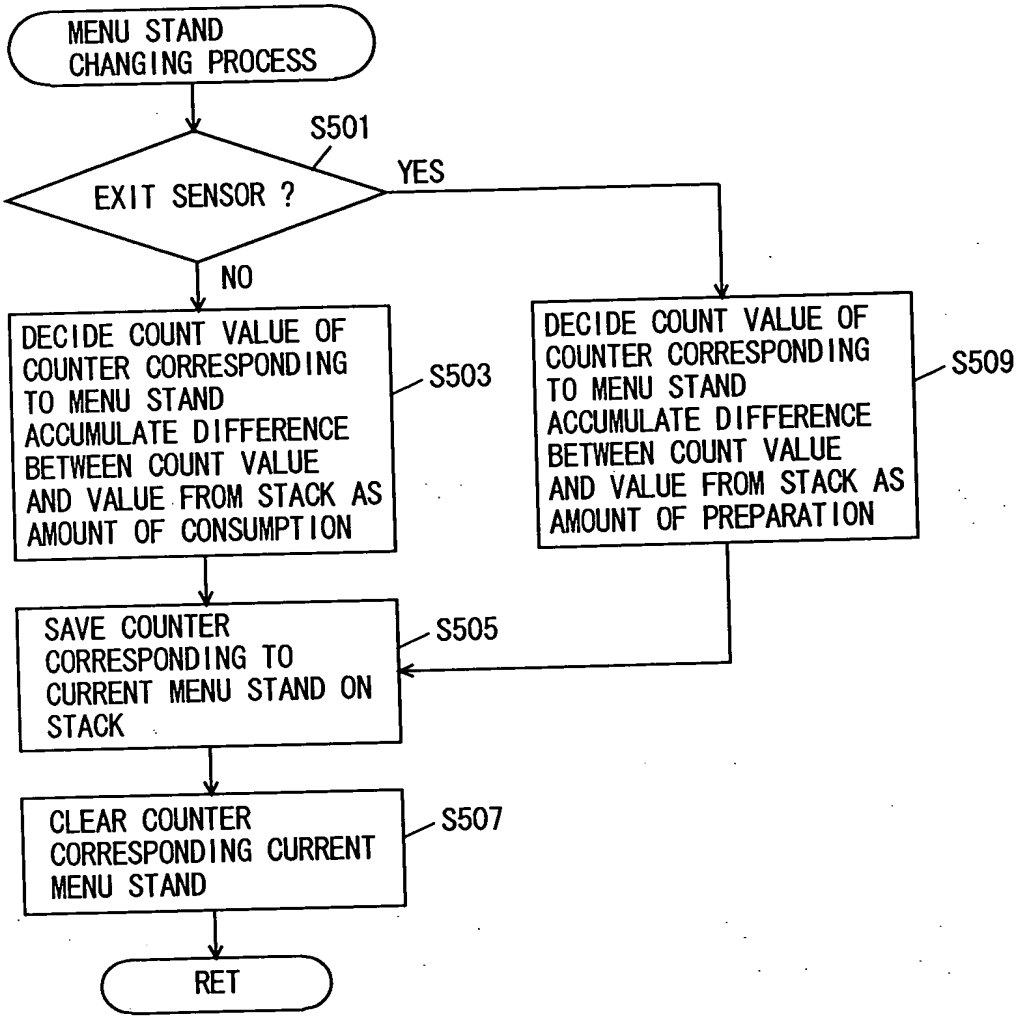
FIG. 16



JP2004-252504

FIG. 17

VARIABLE RECORD 1

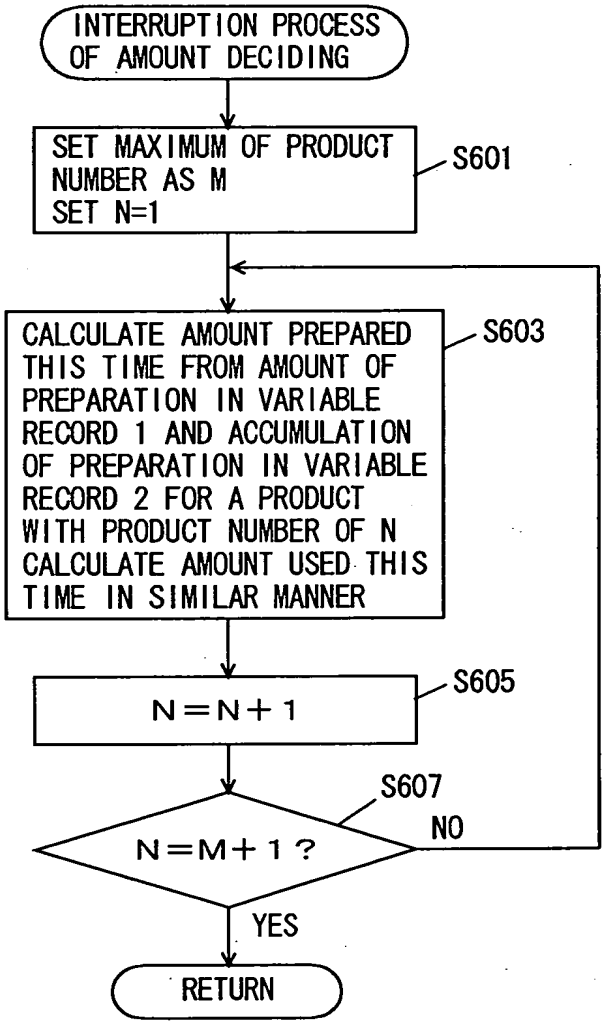
IDENTIFICATION NUMBER	PRODUCT NUMBER	PRODUCT NAME	COUNTER	AMOUNT OF PREPARATION	AMOUNT OF CONSUMPTION
0001	0001	TUNA	4	60	45
0002	0002	YOUNG YELLOWTAIL	3	80	38
0003	0001	TUNA	5	30	16
0004	0003	SQUID	5	20	13
0005	0004	SALMON	2	15	12
0006	0001	TUNA	3	40	40
0007	0004	SALMON	5	50	34
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 18

VARIABLE RECORD 2

PRODUCT NUMBER	PRODUCT NAME	ACCUMULATION OF PREPARATION	ACCUMULATION OF CONSUMPTION	AMOUNT PREPARED THIS TIME	AMOUNT CONSUMED THIS TIME
0001	TUNA	110	91	20	10
0002	YOUNG YELLOWTAIL	60	18	20	20
0003	SQUID	15	8	5	5
0004	SALMON	50	20	15	14

FIG. 19



JP2004-206504

FIG. 20

SUSHI PLATE ID	KIND	TIME ELAPSED AFTER FIRST IDENTIFICATION	WIN FLAG
0001	TUNA	1 MINUTE AND 30 SECONDS	
0002	(UNDETECTED)	———	
0003	TUNA	2 MINUTES AND 12 SECONDS	○
0004	SALMON	32 SECONDS	
0005	SHRIMP	2 MINUTES AND 48 SECONDS	
⋮	⋮	⋮	
0507	UNDETECTED FOR A LONG TIME (LOST ?)	———	

TOSHIBA-EP2007

FIG. 21

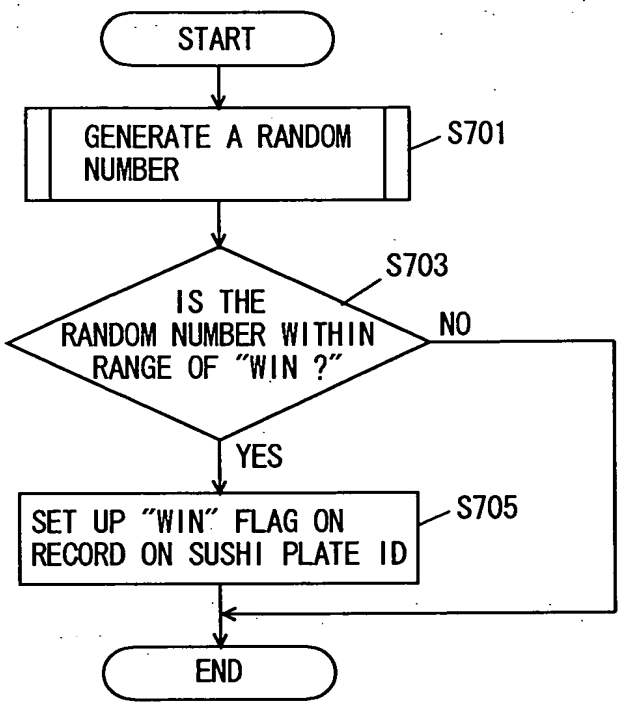
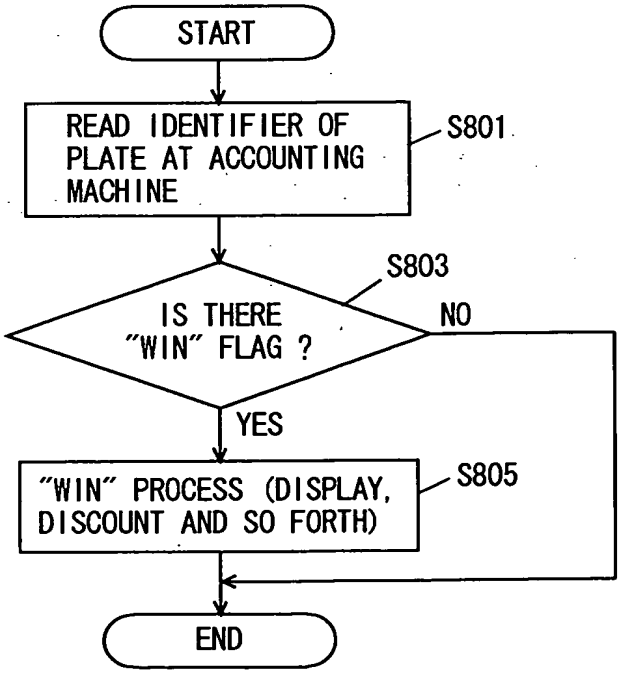


FIG. 22



JP2002-230704